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Application No.: 09/587,116  
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PATENT

3 wherein,

4 R<sup>1</sup> is a member selected from —H, —OH, and (=O);

5 R<sup>2</sup> is a member selected from reactive functional groups, alkyl groups

6 terminally substituted with a reactive functional group and internally

7 substituted alkyl groups terminally substituted with a reactive

8 functional group wherein said alkyl groups terminally substituted with

9 a reactive functional group and said internally substituted alkyl groups

10 terminally substituted with a reactive functional group are substituted

11 with a reactive functional group which is a member selected from —

12 OR<sup>3</sup>, —NHR<sup>4</sup>, --COR<sup>5</sup>, —SH and —CH<sub>2</sub>X<sup>3</sup> wherein,

13 —OR<sup>3</sup> is a member selected from hydroxy, alkyl sulfonate and

14 aryl sulfonate groups;

15 R<sup>4</sup> is H;

16 R<sup>5</sup> is a member selected from H, X<sup>3</sup> and —OR<sup>6</sup>, wherein

17 R<sup>6</sup> is a member selected from alkyl, substituted alkyl,

18 aryl, substituted aryl, heteroaryl, substituted heteroaryl,

19 heterocycl and substituted heterocycl groups; and

20 X<sup>3</sup> is a halogen;

21 X is a member selected from —O—, —S— and —NH—; and

22 X<sup>1</sup> and X<sup>2</sup> are members independently selected from O and S.

REMARKS

Claims 1-108 are pending in the application as filed. Claim 4 is canceled and claim 1 is altered by amendment. Applicants respectfully request examination on the merits of the amended claim.

Amended claim 1 is fully supported by the specification as filed. Support for amended claim 1 is found both in the limitations of claim 4, as well as in the written description on page 18, lines 17-22.

As each of the elements of the amended claim are supported in the written description as filed, no new matter is added by the amended claim presently pending